

PTO/SB/08A (07-05)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/606,080
				Filing Date	June 25, 2003
				First Named Inventor	Ahmed
				Art Unit	2631
				Examiner Name	Unknown
				Attorney Docket Number	17974
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ISA/		US - 6,633,199	10-14-2003	Nielson et al.	
↓		US - 6,653,909	11-25-2003	Nielson	
↓		US - 6,865,396	03-08-2005	Niemelä	
↓		US - 7,002,417	02-21-2006	Maunuksela et al.	
ISA/		US - 7,062,236	06-13-2006	Midtgaard et al.	
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Examiner Signature	/Sam Ahn/	Date Considered	03/21/2007
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/SA/		US - 5,861,773	01-19-1999	Meyer	
/SA/		US -6,011,437	01-04-2000	Sutardja et al.	
/SA/		US -6,973,394	12-06-2005	Jaeger et al.	
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Examiner Signature	/Sam Ahn/	Date Considered	03/21/2007
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PATENT AND TRADEMARK OFFICEATTY. / DOCKET NO. / SERIAL NO.
BCO / 17974 / 10/606,080INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Walid K. M. AhmedFILING DATE / GROUP
6/25/03 / 2631

U.S. PATENT DOCUMENTS							
EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
/SA/	AA	3,896,395	7/75	Cox	330	53	
	AB	5,056,109	10/91	Gilhousen et al.	375	1	
	AC	5,066,923	11/91	Gailus et al.	330	107	
	AD	5,249,201	9/93	Posner et al.	375	59	
	AE	5,257,283	10/93	Gilhousen et al.	375	1	
	AF	5,265,119	11/93	Gilhousen et al.	375	1	
	AG	5,267,262	11/93	Wheatley, III	375	1	
	AH	5,396,516	3/95	Padovani et al.	375	225	
↓	AI	5,420,536	5/95	Faulkner et al.	330	149	
/SA/	AJ	5,452,473	9/95	Weiland et al.	455	88	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRNS Y/N
/SA/	AK	WO 00/41371	7/00	PCT	H04L	27/00	
/SA/	AL	EP 1 170 915	1/02	Europe	H04L	27/20	
/SA/	AM	WO 94/24759	10/94	PCT	H03C	1/54	
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Examiner: /Sam Ahn/

Date Considered: 03/21/2007

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EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
/SA/	AA	5,485,486	1/96	Gilhousen et al.	375	205	
	AB	5,507,017	4/96	Whitmarsh et al.	455	126	
	AC	5,590,408	12/96	Weiland et al.	455	69	
	AD	5,655,220	8/97	Weiland et al.	455	69	
	AE	5,661,434	8/97	Brozovich et al.	330	51	
	AF	5,703,902	12/97	Ziv et al.	375	200	
	AG	5,757,858	5/98	Black et al.	375	295	
	AH	5,758,269	5/98	Wu	455	127	
✓	AI	5,894,496	4/99	Jones	455	126	
/SA/	AJ	5,901,346	5/99	Stengel et al.	455	126	

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EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
/SA/	AA	5,903,554	5/99	Saints	370	342	
	AB	5,974,041	10/99	Kornfeld et al.	370	342	
	AC	6,075,974	6/00	Saints et al.	455	69	
	AD	6,178,313	1/01	Mages et al.	455	127	
	AE	6,181,199	1/01	Camp, Jr. et al.	330	10	
	AF	6,185,432	2/01	Vembu	455	522	
	AG	6,191,653	2/01	Camp, Jr. et al.	330	129	
	AH	6,194,963	2/01	Camp, Jr. et al.	330	149	
↓	AI	6,259,928	7/01	Vembu	455	522	
/SA/	AJ	6,272,336	8/01	Appel et al.	455	423	

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EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
/SA/	AA	6,308,057	10/01	Hayashi	455	324	
	AB	6,313,703	11/01	Wright et al.	330	149	
	AC	6,320,913	11/01	Nakayama	375	297	
	AD	6,330,462	12/01	Chen	455	572	
	AE	6,351,650	2/02	Lundby et al.	455	522	
	AF	6,370,109	4/02	Schwartz et al.	370	203	
	AG	6,374,085	4/02	Saints et al.	455	69	
	AH	6,411,655	6/02	Holden et al.	375	269	
↓	AI	6,421,327	7/02	Lundby et al.	370	310	
/SA/	AJ	6,438,360	8/02	Alberth, Jr. et al.	455	110	

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/SA/	AA	6,449,465	9/02	Galius et al.	455	126	
	AB	6,466,628	10/02	Kim	375	297	
	AC	6,490,460	12/02	Soliman	455	522	
	AD	6,628,165	9/03	Henderson et al.	330	85	
	AE	6,690,233	2/04	Sander	330	124 R	
	AF	6,701,134	3/04	Epperson	455	102	
	AG	6,714,071	3/04	Page	330	136	
	AH	6,870,435	3/05	Ahmed	332	103	
	AI	6,914,943	7/05	Shimizu	375	302	
/SA/	AJ	US 2002/0196864	12/02	Booth et al.	375	296	

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/SA/	AA	2003/0073419	4/03	Chadwick	455	126	
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	AC	2004/0192369	9/04	Nilsson	455	522	
	AD	2004/0266359	12/04	Ahmed	455	67.14	
	AE	2005/0030104	2/05	Chen et al.	330	295	
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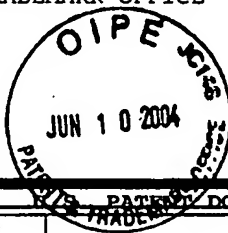
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/SA/	AL	GB 2 363 535 A	12/01	UK	H03C	5/00	
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